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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 10

Complete if Known	
Application Number	10/560,250
Filing Date	December 12, 2005
First Named Inventor	Glen NEMEROW
Art Unit	1645
Examiner Name	To Be Assigned
Attorney Docket Number	5410-007 NATL

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No.[1]	Document Number Number-Kind Code [2] *(if known)*	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/F.S./	AA	US-5,543,328	08-06-1996	McClelland et al.	
	AB	US-5,731,190	03-24-1998	Wickham et al.	
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	AD	US-5,801,029	09-01-1998	Mccormick et al.	
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	AR	WO2000US42208	05-31-2001	Milnes et al.		
	AS	WO0190843	05-03-2001	Barbas et al.		
	AT	WO0183729	08-11-2001	Nemerow et al.		
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	AY	WO9500655	01-05-1995	Graham et al.		

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Sheet 2 of 10

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/F.S./	AX	US- US20020167814	11-14-2002	Ching	
	BA	US- US200020193327	12-19-2002	Nemerow et al.	
	BB	US- US20030157688	08-21-2003	Von Seggern et al.	
	BC	US- US20040002060	01-01-2001	Kaleko et al.	
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	BD	WO9534671	12-21-1995	Kovesdi et al.		
	BE	WO9617053	06-06-1996	Hallenbeck et al.		
	BF	WO9622378	07-25-1996	Dedieu et al.		
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	BK	WO2004US11125	10-28-2004	Bremmon et al.		

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~~—~~	~~BL~~	~~WO 2004/099433~~	~~11/18/2004~~	~~VON SEGGERN et al.~~	~~—~~	

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				Art Unit	1645
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Sheet	4	of	10	Attorney Docket Number	5410-007 NATL

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/F.S./	BL	ADRIAN et al., "Cryo-electron microscopy of viruses" *Nature*, Vol. 308, pp. 32-36, March 1, 1984, Nature Publishing Group, (1984).	
	BM	ARNBERG et al., "Fiber genes of adenoviruses with tropism for the eye and the genital tract" *Virol.* 227, pp. 239-244 (1997)	
	BN	ARNBERG et al., "Adenovirus Type 37 Usaes Sialic Acid as a Cellular Receptor" *Journal of Virology*, Vol. 72, No. 1, pp. 42-48, American Society of Microbiology (2000).	
	BO	ATSCHUL et al.,"Basic Local Alignment Search Tool", *Journal Molecular Biology*, Vol. 215:pp. 403-410 Academic Press Limited, (1990).	
	BP	BAI et al., "Mutations That Alter an Arg-Gly-Asp (RGD) Sequence in the Adenovirus Type 2 Penton Base Protein Abolish Its Cell-Rounding Activity and Delay Virus Reproduction in Flat Cells", *Journal of Virology* Vol. 67, No. 9, pp.:5198-5205, American Society of Microbiology (1993).	
	BQ	BELOUSOVA et al., "Modulation of Adenovirus Vector Tropism via Incorporation of Polypeptide Ligands into the Fiber Protein", *Journal of Virology*, Vol. 76, No. 17, pp:8621-8631. American Society of Microbiology (2002).	
	BR	BERGELSON et al., "Isolation of a Comon Receptor for Coxsackie B Viruses and Adenoviruses 2 and 5", *Science*, Vol. 275:pp. 1320-1323 (1997)	
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	BU	CARIILLO et al, "The Multiple Sequence Alignment Problem in Biology", *SIAM J. Applied Math*, Vol. 48, No. 5, pp.1073-1082 (1988).	

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	BW	CHIU et al, "Structural Analysis of a Fiber-Pseudotyped Adenovirus with Ocular Tropism Suggests Differential Modes of Cell Receptor Interactions" *Journal of Virology*, Vol. 75, No. 11, pp. 5375-5380, American Society for Microbiology (2001).	
	BX	CHIU et al, "Structure of Adenovirus Complexed with Its Internalization Receptor, αvβ5 Integrin", *Journal of Virology*, Vol. 75, pp. 6759-6768, American Society for Microbiology (1999).	
	BY	CHOI et al, "A Generic Intron Increases Gene Expression in Transgenic Mice", Molecular and Cellular Biology, Vol. 11, pp. 3070-3074, American Society for Microbiology (1991).	
	BZ	CHROBOCZEK et al, "Adenovirus Fiber" *Current Topics in Microbiology and Immunology*, Vol. 199, pp. 163-200 (1995).	
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Sheet 6 of 10

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/F.S./	CF	GRAHAM et al. "Characteristics of a human cell line transformed by DNA from human adenovirus type 5" *Journal of General Virology*, Vol. 36, pp. 59-72 (1977)/	
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	CM	HE et al, "A simplified system for generating recombinant adenoviruses", *Proc. Natl. Acad. Sci.*, Vol. 95, pp. 2509-2514, The National Academy of Sciences (1998).	
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	CS	MORSY et al., "Expanded-capacity adenoviral vectors – the helper-dependent vectors", *Molecular Medicine Today*, pp. 18-24, Elsevier Science, (Jan. 1999).	
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	CU	NEMEROW, "Cell Receptors Involved in Adenovirus Entry", *Virology*, Vol. 274, pp. 1-4, Academic Press (2000).	
	CV	PALMITER et al., "Germ-Line Transformation of Mice" *Annual Review Genetics*, Vol. 20, pp. 465-499 (1986).	
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/F.S./	CZ	REA et al, "Highly Efficient Transduction of Human Monocyte-Derived Dendritic Cells with Subgroup B Fiber-Modified Adenovirus Vectors Enhances Transgene-Encoded Antigen Presentation to Cytotoxic T Cells", *Journal of Immunology*, Vol. 166, pp. 5236-5244, The American Association of Immunologists (2001).	
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	DC	ROELVINK et al., "Identification of a Conserved Receptor-Binding Site on the Fiber Proteins of CAR-Recognizing Adenoviridae", *Science* ,Vol. 286, pp. 1568-1571 (1999).	
	DD	RUIGROK et al., "*Structure of Adenovirus Fibre*", *Journal of Molecular Biology*, Vol. 215, pp. 589-596, Academic Press Limited (1990).	
	DE	SANDIG et al., "Optimization of the helper-dependent adenovirus system for production and potency *in vivo*", *Proc. Natl. Acad. Sci. USA*, Vol. 97, No. 3, pp. 1002-7,PNAS (2000).	
	DF	SCANLAN et al., "Challenges to the development of antigen-specific breast cancer vaccines", *Breast Cancer Research*, Vol. 3, pp. 95-98 (2001).	
	DG	SHAH et al., "QVIEW: Software for Rapid Selection of Particles from Digital Electron Micrographs", *Journal of Structural Biology*, Vol. 123, pp. 17-21, Article No. SB984011, Academic Press (1998).	
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Attorney Docket Number	5410-007 NATL

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Examiner Initials*	Cite No.[1]	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	
/F.S./	DJ	SMITH et al., "Comparison of Biosequences", *Advances in Applied Mathematics*, Vol. 2, pp. 482-489, Academic Press, Inc. (1981).	
	DK	STEINMAN et al., "Tolerogenic Dendritic Cells" *Annual Rev. Immunol.*, Vol. 21, pp. 685-711, Annual Reviews (2003).	
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	DM	STEWART et al, "Digitally Collected Cryo-Electron Micrographs for Single Particle Reconstruction", *Microscopy Research and Technique*, Vol. 49, pp. 224-232, Wiley-Liss, Inc. (2000).	
	DN	STEWART et al. "Cryo-EM visualization of an exposed RGD epitope on adenovirus that escapes antibody neutralization, *EMBO Journal*, Vol. No. 6, 16, pp. 1189-1198, Oxford University Press.(1997).	
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	DQ	VAN RAAIJ et al., "A triple β-spiral in the adenovirus fibre shaft reveals a new structural motif for a fibrous protein", *Nature*, Vol. 401, pp. 935-938, Macmillan Magazines Ltd (1999).	
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Examiner Signature	/Fereydoun Sajjadi/	Date Considered	11/19/2007

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 10 of 10

Complete if Known	
Application Number	10/560,250
Filing Date	December 12, 2005
First Named Inventor	Glen NEMEROW
Art Unit	1645
Examiner Name	To Be Assigned
Attorney Docket Number	5410-007 NATL

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/F.S./	DT	VON SEGGERN et al, "Adenovirus Vector Pseudotyping in Fiber-Expressing Cell Lines: Improved Transcution of Epstein-Barr Virus-Transformed B Cells" *Journal of Virology*, Vol. 74, No. 1, pp. 354-362, American Society for Microbiology (2000).	
	DU	WICKAM et al., "Integrins $\alpha_v\beta_3$ and $\alpha_v\beta_5$ Promote Adenovirus Internalization but Not Virus Attachment", *Cell*, Vol. 73, pp. 309-319 Cell Press (1993).	
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	DX	YU et al., "Cancer vaccines: progress reveals new complexities", *Journal of Clinical Investigation*, Vol. 110, No. 3, pp.289-94, (2002).	

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